

in the Digital World

February 16 - 18

# Web Wise 2005:

**Teaching and Learning with Digital Resources** 

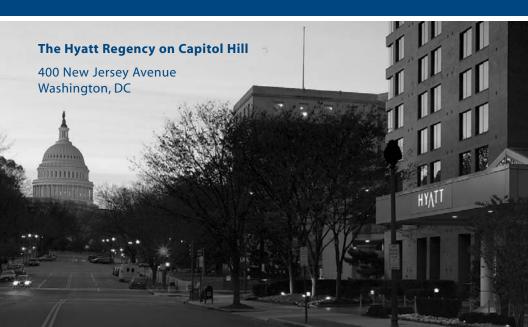






# Web Wise 2005:

**Teaching and Learning with Digital Resources** 



The Institute of Museum and Library Services and the University of Illinois at Chicago are pleased to convene this gathering on nationwide learning in the digital age.

The 6th Annual Web Wise Conference on Libraries and Museums in the Digital World focuses on the use of digital resources to advance teaching and learning. As stewards of the world's accumulated knowledge, libraries and museums are expert guides creating pathways to a wealth of content and innovative learning environments.

Digital versions of primary source materials presented in engaging and interactive ways can bring experiences to the classroom that were once out of reach for many.

In addition to fueling learning in every discipline, libraries and museums are also adept at teaching the research and critical thinking skills that are essential to success in the 21st century both in and out of the classroom.

A webcast of conference highlights will be available in April 2005 on the IMLS Web site at www.imls.gov/digital corner/

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WEDNESDAY, FEBRUARY 16

#### 7:30 am

## **Registration and Continental Breakfast**

(morning pre-conference participants only)

## 8:30 am - 12:00 pm

## Business Planning for Digital Asset Management in Cultural Heritage Institutions

Principal Instructor: Liz Bishoff, Vice President,

Digital Collections Services, OCLC, Inc.

Moderator: David Green, Principal, Knowledge Culture

Instructors: Nancy Allen, Dean and Director, Penrose Library,

University of Denver

William Barnett, Vice President and Chief Information Officer,

The Field Museum

John Price Wilkin, Associate University Librarian, Library Information Technology and Technical and Access Services,

University of Michigan

Diane Zorich, Information Management Consultant

for Cultural Organizations

## 12:00 pm

## **Registration and Lunch**

(afternoon pre-conference participants only)

## 1:00 pm – 4:30 pm Planning and Implementing User Studies

Principal Instructor: José-Marie Griffiths, Dean, University of North Carolina

School of Information and Library Science

Instructors: Brenda Dervin, Professor of Communication,

Ohio State University

Kate Johnson, Chair, Education Division,

Minneapolis Institute of Arts

Donald King, Research Professor, University of Pittsburgh

## 6:00 pm – 8:00 pm Opening Reception

Dirksen Senate Office Building, Room G50



CONFERENCE DAY ONE THURSDAY, FEBRUARY 17

### 7:30 am

## **Registration and Continental Breakfast** (Regency Foyer)

### 9:00 am

## Welcome - Robert S. Martin, IMLS Director

Keynote: David Rumsey, Cartography Associates

"Open Content: How Online Digital Libraries and Resources Will Provide Access to Cultural Information

in the 21st Century"

## 10:15 am Break and Project Demonstrations (Regency Foyer)

University of Illinois Urbana Champaign. The IMLS Digital Collections Registry: A Resource for Educators and Cultural Heritage Professionals.

http://imlsdcc.grainger.uiuc.edu/

The IMLS Digital Collections Registry includes more than 130 digital collections funded since 1998 in the IMLS National Leadership Grants program. The collection registry captures the range of significant digital collections created by libraries, museums, and archives and is now also available online to educators and cultural heritage professionals through the IMLS Web site at <a href="http://www.imls.gov">http://www.imls.gov</a>. The site will offer item-level searching capability at a later date.

Libby School District, Libby, Montana. Looking at Our Past: Using Community History in the Schools.

http://www.lincolncountylibraries.com/museum/index.htm

A collaborative effort of the school district, the Heritage Museum, and the Lincoln County Public Library in Libby, Montana, developed a "virtual museum" showcasing local history and culture, including early homesteading and the mining and logging industries, and demonstrated how to build hands-on working exhibits.

New Media Consortium. Pachyderm: A Free, Open-Source Online Authoring and Publishing Tool Designed by Library and Museum Educators.

http://www.nmc.org/pachyderm



The IMLS Digital Collections Registry





Looking at Our Past

A team including major museums, software developers, and digital library experts is developing a free open-source multimedia online authoring and publishing tool to enable libraries and museums to create and present engaging educational content online.

## Whitney Museum of American Art. Learning@Whitney: Presenting the Permanent Collection of 20th and 21st Century Art.

URL not yet available [site launches June 2005]

Learning@Whitney is an online learning tool to help educators, students, and families explore the richness and diversity of American art and culture. The project expands access to the museum's collection, exhibits, and educational resources; enhances educational programming; and promotes the use of technology in the classroom and at home.

## Wayne State University. **Digital Dress: Using a Costume Digitization Project in Teaching and Learning.**

http://www.lib.wayne.edu/geninfo/units/lcms/dls/grants/ddgrant.php

Wayne State University and its museum partners are creating an online digital resource of costumes. Students in library science and fashion merchandising are digitizing the collection under the direction of senior faculty, curators, and librarians. Fashion merchandising students will use the resource to study trends in clothing design and manufacture.

National Palace Museum, Taipei, Taiwan. "An Appreciation of Collection Digitization at the National Palace Museum—Practical Educational Applications of the Digital Archive."

http://elearning.npm.gov.tw

The National Palace Museum is using innovative technology to provide a wireless guided tour system for museum visitors, including a multimedia exposition of objects on display as well as access to the digital archives database. The project also involves teachers in adding value to the digital objects for online learning, both in classroom applications for different age groups and for the general public.



Digital Dress

## 11:00 am Creating Digital Resources for Effective Teaching and Learning

Chair: Nancy John, University of Illinois at Chicago

Presenters: David Lankes, Syracuse University, "Breaking the K-12 Crust:

The Realities of Digital Libraries for Education"

Nena Bloom, Collaborative Digitization Program (CDP),

"Using Digitized Primary Source Materials in the Classroom:

A Colorado Case Study"

## **12:00 pm Lunch** (Ticonderoga Room)

## 1:00 pm

## **Project Sessions: Reaching Out to Learners of All Ages**

Chair: Nancy Gwinn, Smithsonian Institution

Presenters: Margie Harrison-Smith and Leti Bocanegra, National Steinbeck

Center, "Playing the Ag Econ Challenge Game."

Anne Henderson, Frist Center for the Visual Arts, and Elyse Adler, Nashville Public Library, "Project Access for Adult English-

Language Learners."

http://www.projectaccess.org

Laurie Mercier, University of Washington, Vancouver:

"Regional History Online: The Columbia River Basin Ethnic

**History Project."** 

http://www.vancouver.wsu.edu/crbeha/



Project Access



The Columbia River Basin Ethnic History Project

## 2:30 pm

## **Break and Project Demonstrations** (Regency Foyer)

Winterthur Museum. X-Radiography: Teaching Art Conservation Students and Improving Interpretation of Museum Objects.

Students in the Winterthur/University of Delaware Program in Art Conservation are learning to use radiographic techniques to examine historical documents, paintings, and artifacts made of wood, metal, stone, and ceramics to determine the nature of the objects. This technology will improve treatment and interpretation of museum objects as well as enhance museum education.

State Historical Society of Wisconsin. American Journeys: Using a Digital Collection of Eyewitness Accounts of Early American Exploration in National History Day.

http://www.americanjourneys.org/

The historical society is creating a full-text digital collection of approximately 150 exploration narratives. The project is also creating instructional guides and distributing them to 40,000 teachers participating in the National History Day program.

Web-Deane-Stevens Museum. An Interactive Classroom Biography of Silas Deane House and Its Collections.

http://www.silasdeaneonline.org

Silas Deane Online delivers interactive museum-based learning over the Web in an educational program centered on the life and experiences of one of Connecticut's lost heroes of the American Revolution. Lesson plans are supported by digital images of the house, objects from the collections, primary documents, and related resources; interactive video creates the look and feel of the historic site.

Syracuse University School of Information Studies. **SOS for Information Literacy:** A Resource for Teaching Information Literacy Skills.

http://www.informationliteracy.org/access.tpl

Password required until summer 2005: Pioneer

This multimedia, Web-based teaching support system offers teaching strategies and materials for elementary and middle school library media specialists who provide instruction in information literacy skills.







## Drayton Hall Plantation. **Drayton Hall Online: Digital Applications for Teachers, Students, and Researchers.**

http://www.draytonhall.org

Drayton Hall is one of the nation's oldest unrestored plantations. The Drayton Papers Collection contains plantation records, correspondence, essays, slave lists, architectural drawings, photographs, and other artifacts dating from approximately 1700 to 1900.

University of Illinois Urbana Champaign. Teaching with Digital Content.

http://images.library.uiuc.edu/projects/TDC/Index.htm

This large-scale project has engaged multiple libraries, museums, and school districts in integrating digital primary source materials into K–12 curricula as well as into the educational programming of museums and libraries.

## 3:15 pm Project Sessions: Digital Resources for Educators

Chair: Bill Barnett, The Field Museum

Presenters: Laura Strentz and Iris Taboh, Seattle Schools

New Museum of Contemporary Art, "Re-Presenting Race

in the Digital Age."

Marilyn Lutz and Laura Gallucci, University of Maine, "The Maine

Music Box."

http://www.library.umaine.edu

Lynne Spichiger, Memorial Hall Museum, and Chris Sturm,

Marlboro Middle School, Marlboro, New Jersey, "Digital Deerfield 1704: A New Perspective on the French and Indian Wars."

4:45 pm Adjourn





Drayton Hall



CONFERENCE DAY TWO FRIDAY, FEBRUARY 18

#### 8:00 am

## **Continental Breakfast** (Regency Foyer)

### 9:00 am

## Reconvene, Opening Remarks - Robert S. Martin, IMLS

Keynote: Susan Sclafani, U.S. Department of Education

"Technology and Our Schools: Preparing America's Future"

#### 9:45 am Break

#### 10:00 am

## **Creating and Sustaining Effective Users of Online Resources**

Chair: Martha Hale, Catholic University School of Library

and Information Science

Presenters: Ken Kay, Infotech Strategies, **"21st Century Skills: A Vision for** 

Teaching and Learning in the Digital World."

John Lewis Needham, Strategic Partner Development, Google Inc., "What Is Google Doing in My Library? An Overview of New

**Google Content Initiatives."** 

## 11:00 am On My Mind: Reflections from the Community

Chair: Joyce Ray, IMLS

Presenters: Peter B. Kaufman, Intelligent Television

Henry Kelly, Federation of American Scientists

Peggy O'Brien, Corporation for Public Broadcasting

Sarah E. Whitesell, Federal Communications Commission

## 12:00 pm

Wrap-up, Adjourn



## Adler, Elyse

Elyse Adler holds a music degree from Syracuse University and an MLS from Vanderbilt University. She has worked for the Nashville Public Library since 1985 in various positions, including manager of the Music and Film Department at the Main Library, collection development manager with system-wide responsibilities, and branch administrator, overseeing 21 branch libraries throughout the county. Currently, she is research and special projects administrator. In this position, she creates new initiatives and forms collaborative relationships with various agencies and institutions throughout the community. Her projects over the past year have included "Project Access", a program targeting adult English-language learners, funded by an IMLS leadership grant; "Bringing Books to Life!", a preschool literacy initiative; "Neighborhood Builders – A Teen Engagement Program," funded by Bank of America; and "Results Matter", the Nashville Public Library's outcome-based strategic planning tool.

### Bloom, Nena

Nena Bloom is education coordinator for the Collaborative Digitization Program (CDP), where she teaches library media specialists and classroom teachers to use digital primary sources effectively in the K–12 curriculum. The focus of the program is to demonstrate how students can analyze photos, documents, and maps to develop critical thinking skills and to make personal connections with the history and culture of their community and nation. Currently she works with educators to unearth treasures from Colorado's Historic Newspaper Project, an online database of more than 70 newspapers from 1859 through the 1920s. Bloom has extensive experience helping educators teach with new technologies within standards-based instruction, from biotechnology to digital primary sources. To fit the diverse needs of teachers, she has set up a variety of professional development models, including hybrid online/onsite video tele-conferencing, "virtual classrooms," and traditional classroom instruction. Previously a science teacher and museum educator, Bloom has a strong interest in hands-on learning in the classroom.

## Bocanegra, Leti M.

Leti M. Bocanegra is the technology manager at the National Steinbeck Center Museum. She worked in the private sector for nine years before joining the museum. Bocanegra's responsibilities include maintaining the permanent exhibitions and network and managing the museum's archive. She has worked on several special projects, including managing the design and implementation of the museum's Valley of the World Agriculture Exhibition, which opened in August 2003, curating the annual Day of the Dead Exhibition, and managing the design and implementation of the Ag Econ Challenge Game. Bocanegra has completed a number of courses in computer maintenance, graphic design, and collections care. She is currently pursuing her degree in museum studies.

#### Gallucci, Laura

Laura Gallucci is the URSUS library system manager for the University of Maine System Libraries. She has an MA in library science from Queens College, New York. She has worked as a young adult/adult reference librarian for eleven years and a systems librarian for seven. Gallucci is the acting principal violist of the Bangor

Symphony and part-time instructor of violin/viola for the University of Maine Music Department. She has a bachelor's degree in applied music performance from the Eastman School of Music. She also plays electric viola in a band with her husband, singer/lyricist Michael Gallucci. She has co-written over 40 songs with him, and they have released four CDs of their music under the band name "St. Huckleberry."

## Harrison-Smith, Margie

Margie Harrison-Smith is the curator of Education and Public Programs at the National Steinbeck Center Museum. She has been involved with museums as either a volunteer or staff member since 1979. She has worked for the Bay Area Discovery Museum, California Academy of Sciences, Zoological Society of San Diego, Turtle Bay Exploration Park, Carter House Natural Science Museum, and the Redding Arboretum. Her museum work has included managing public programs, coordinating school programs, managing guest services, conducting visitor research and evaluation, serving on exhibition development teams, working in development, coordinating college internships, overseeing youth volunteer corps, teaching summer science classes, hosting public tours, training volunteers, and conducting outreach programs in environmental education. Harrison-Smith has an MA in museum studies (with an emphasis on public programs) from John F. Kennedy University and a BA in history from the University of California. Davis.

### Henderson, Anne

Anne Henderson currently serves as the director of education at the Frist Center for the Visual Arts, Nashville, and was part of the initial management staff that planned and opened the institution in 2001. Since 1985, Henderson has worked at the Meadows Museum, the National Gallery of Art, and the Frist Center. She has managed various federal grants, including the recent IMLS National Leadership grant for "Project Access", a collaborative program with the Nashville Public Library that serves adult Englishlanguage learners in the Nashville community. She is the Southeastern Museum Division representative for the National Art Education Association and Museum Division representative for the Tennessee Art Education Association.

### Kaufman, Peter B.

Peter B. Kaufman is founder of Intelligent Television (www.intelligenttelevision.com), a new company that executive-produces nonfiction programming in close association with cultural and educational institutions. Current productions include a history of the American South in the 20th century in association with the University of Virginia, a television and radio series about memory in America in association with the Library of Congress, a history of American comedy with Brillstein-Grey Entertainment and the Museum of Television and Radio, the story of Hitler's failed art museum with a consortium of international museums, and a history of labor in America with a consortium of American universities. He is a member of the National Commission on Cyberinfrastructure for the Humanities and Social Sciences, supported by the Andrew W. Mellon Foundation and sponsored by the American Council of Learned Societies, and of the Social Science Research Council's Digital Cultural Institutions Project, supported by the Rockefeller Foundation. With the support of the Mellon Foundation

and Ithaka Harbors, he is serving as the principal investigator of a research project exploring how commercial and noncommercial actors can work together to support the digitization and publication, broadly defined, of cultural and educational materials.

## Kay, Ken

Ken Kay is chairman and co-founder of Infotech Strategies. He has been a leading proponent of the integration of technology in education, and the importance of teaching 21st Century Skills. Kay has conceived and led two landmark initiatives in education technology: the CEO Forum on Education & Technology and the Partnership for 21st Century Skills.

As executive director for the CEO Forum from 1996 to 2001, Kay facilitated dialogue between leaders in the business, government and education fields and led the group through development of the StaR Chart (School Technology & Readiness Guide), used by schools across the country to make better use of technology in the classroom. As president of the Partnership for 21st Century Skills, which was founded in 2002, he leads the group's efforts to bring together representatives from education, government and business to promote the teaching of 21st century skills in K-12 schools.

## Kelly, Henry

Henry Kelly is president of the Federation of American Scientists (FAS). Before joining FAS in July 2001, he spent over seven years as assistant director for technology in the White House's Office of Science and Technology. Prior to his work in the White House, he was a senior associate at the Congressional Office of Technology Assessment, assistant director for the Solar Energy Research Institute, and on the staff of the Arms Control and Disarmament Agency. Kelly is an elected fellow of the American Physical Society and 2002 winner of the its Leo Szilard Lectureship Award for "promoting the use of physics for the benefit of society." He was named the biannual Champion of Energy Efficiency in 2000 by the American Council for an Energy Efficient Economy. Kelly received a PhD in physics from Harvard University and is the author of numerous books and articles on issues in science and technology policy.

#### Lankes, David

R. David Lankes, PhD, is executive director of the Information Institute of Syracuse (IIS) and an assistant professor at Syracuse University's School of Information Studies. The IIS houses the Gateway to Educational Materials (GEM), the Virtual Reference Desk (VRD), the Educator's Reference Desk and several projects related to the NSF's National Science Digital Library (NSDL). Lankes received his BFA (Multimedia Design), MS in Telecommunications and PhD from Syracuse University.

Lankes' research is in education information and digital reference services. He has authored, co-authored or edited eight books, and written numerous book chapters and journal articles on the Internet and digital reference. He was a visiting scholar to Harvard's Graduate School of Education and is currently a visiting fellow at the National Library of Canada.

## Lutz, Marilyn

Marilyn Lutz is the director for library information systems planning at the University of Maine. She holds an MS in library and information science from Columbia University and a BA from Lawrence University. Prior to coming to Maine, she was employed by OCLC, Inc. She has been instrumental in positioning the University of Maine Library for a rapid transition from print to electronic-based collections and services and in the evolution of a statewide network for resource sharing. Lutz has initiated and is coordinating the development of major digital library program components, including software architecture, metadata representation, encoding and conversion practices, access management, subject searching of distributed databases, and digital archiving and preservation. Current work includes developing a digital object management system and directing an IMLS-funded project that will test broadband delivery of multimedia resources, particularly digital video, to laptops and computers in grades 7–16 to make possible interactive learning experiences.

## Martin, Robert Sidney

Dr. Robert Sidney Martin, a librarian, archivist, educator, and administrator was nominated in June 2001 by President George W. Bush to be director of the Institute of Museum and Library Services (IMLS). He was confirmed by the U.S. Senate in July, 2001 and became the first librarian to lead IMLS, formed in 1996.

Martin speaks frequently on the role of libraries and museums in creating and sustaining a nation of learners. He notes that libraries and museums together with schools, universities, public broadcasters and other community organizations can form powerful partnerships in service to lifelong learning. Under his leadership the agency has emphasized that libraries and museums are about more than access to information; they are at the heart of a learning society.

Under the Bush Administration, the agency's budget has increased from \$190,558,000 in 2000 to \$280,564,000 in 2005. With Martin's leadership Congress passed and the President signed the Museum and Library Services Act of 2003 reauthorizing the agency through 2009. Also in 2003 the agency launched a new initiative to educate and recruit librarians; since that time Congress has appropriated over \$50 million for the 21st Century Librarian grant program.

#### Mercier, Laurie

Laurie Mercier is associate professor of history at Washington State University Vancouver, where she incorporates digital resources into teaching about immigration, modern America, social movements, oral history, and the Pacific Northwest. She received her PhD in history from the University of Oregon in 1995. She is co-director with Leslie Wykoff of the IMLS-funded digital project "Engaging the Public with Digital Primary Sources: A Tri-State Online Ethnic History Database," which produced the Columbia River Basin Ethnic History Archive (http://www.vancouver.wsu.edu/crbeha/.) Mercier is author of Anaconda: Labor, Community, and Culture in Montana's Smelter City (University of Illinois Press, 2001) and co-editor of Mining Women: Gender and the Development of a Global Industry (Palgrave, 2005). She is currently the historian working with southwest Washington teachers on a Department of Education Teaching American History grant project and is editing an oral history reader for the American History survey course.

## Needham, John Lewis

John Lewis Needham is strategic partner development manager at Google, Inc., where he is responsible for content acquisition and strategic partnerships in the publishing and library industries. Needham has held positions in content and business development at Congressional Quarterly, ebrary, Inc., and Cambridge University Press. His research interests include online publishing and product development methodologies. Needham is an international executive MBA candidate at International School of Management in Paris and holds degrees in liberal arts and languages and has studied at Denver Publishing Institute, Hebrew University of Jerusalem, University of Vienna, and Utah State University.

## O'Brien, Peggy

As senior vice president, educational programming and services, for the Corporation for Public Broadcasting (CPB), veteran educator Peggy O'Brien oversees CPB's high priority efforts to develop and expand the reach of educational programming and services, including innovative children's programming. O'Brien was named to this newly created position – focused on building capacity in the areas of local content, education services, community partnerships, and outreach – on September 30, 2004.

From 1994-2000, O'Brien was vice president of education at CPB. She was the first director of Ready To Learn, a continuing coalition of public television stations and producers, preschool teachers, national service organizations, and publishers of children's books. O'Brien also served as chief learning officer and chief operating officer of Kiko, Inc., an Internet education company from 2000 to 2001. Earlier, she was head of education for the Folger Shakespeare Library, where she founded and directed the Library's Teaching Shakespeare Institute.

## Rumsey, David

David Rumsey is president of Cartography Associates, a digital publishing company based in San Francisco, and is a director of Luna Imaging, a provider of enterprise software for online image collections. He was a founding member of Yale Research Associates in the Arts, a group of artists working with electronic technologies. He subsequently became associate director of the American Society for Eastern Arts in San Francisco. Later, he entered a 20-year career in real estate development and finance, during which he had a long association with the General Atlantic Holding Company of New York and served as president and director of several of its real estate subsidiaries. Rumsey retired from real estate in 1995 and founded Cartography Associates, beginning a third career as a digital publisher, online library builder, and software entrepreneur.

Rumsey began building a collection of North and South American historical maps and related cartographic materials in 1980. His collection, with more than 150,000 maps, is one of the largest private map collections in the United States. In 1995, Rumsey began making his collection public by building the online David Rumsey Historical Map Collection (*www.davidrumsey.com*). Currently the collection has over 10,000 high-resolution images of maps. The site is free to the public and is updated monthly. In 2002, Rumsey was given an Honors Award from the Special Libraries Association for making his private map collection available to the public via the Internet.

Rumsey received his BA and MFA from Yale University, where he was a lecturer in art at the Yale Art School for several years. He serves on the boards of the John Carter Brown Library, the American Antiquarian Society, the Long Now Foundation, and the Stanford University Library Advisory Board, and is a trustee of Yale Library Associates.

### Sclafani, Susan

As assistant secretary of education, Susan Sclafani serves as the principal adviser to the secretary on all matters related to vocational and adult education. Sclafani coordinates department programs and recommends policies to ensure that all Americans have the knowledge and technical skills necessary to succeed in postsecondary education and the workforce. Through the Preparing America's Future Initiative, Sclafani is working to mobilize effective state and local high school design initiatives, to support America's community colleges, and to improve adult education programs.

Previously, Sclafani worked in a variety of roles at the Houston Independent School District, culminating in chief of staff for educational services, and including the positions of teacher of mathematics, magnet school leader, and central office administrator in technology, curriculum development, and construction management. She received her AB from Vassar College, MA from the University of Chicago, and MEd and PhD from the University of Texas at Austin.

## Spichiger, Lynne

Lynne Spichiger has worked for over 25 years as a project manager in both the public and private sectors. She was an English teacher and project manager in the New Haven public schools; has served as evaluation consultant for non-profit educational organizations; and has extensive experience in the design, development and management of online interactive multimedia projects for business. She holds an EdD from Harvard University, an MAT in English from Wesleyan University, and a BA in History from the University of Rochester. Currently, Dr. Spichiger is the director of online exhibits and the administrative director of the Deerfield Teachers' Center at the Pocumtuck Valley Memorial Association/ Memorial Hall Museum in Deerfield. Massachusetts.

#### Strentz, Laura

Laura Strentz currently teaches 11th grade AP American Literature, 12th grade College Writing, and 9th grade World Literature at Garfield High School in Seattle. She has been teaching for 7 years with her first two years at Thomas Kelly High School in Chicago. She received her MAT from the University of Chicago, after working for 3 years in corporate retirement plans. Her classes focus on written texts as a way to study ideas, values, conflicts and the emergence of literary style. Students read to see how particular ideas, values and conflicts embed themselves in a country's textual fabric and continue to re-surface. Beginning in 2003 while working with Iris and the New Museum, she introduced art into her curriculum to show students how images also reflect people and their ideas, values and conflicts and thus individual and national identity.

## Sturm, Chris

Chris Sturm is an 8th grade Social Studies teacher at Marlboro Middle School in Marlboro, N.J. He was born and raised in New Jersey, and lived for several years in Houston, Texas. Sturm has been teaching for about 10 years, after twenty years in the work force. During that time, he performed jobs as diverse as chemical plant operator and wildlife photographer, but spent most of that time in the tool business. He returned to school in 1991 at the age of 40, and graduated summa cum laude from Kean University in 1993 with a BA in History and Education. Sturm and his wife and son live in Springfield, N.J., where he is also an active Boy Scout leader.

## Taboh, Iris

Iris Taboh currently teaches Photography and Mixed Media to 10th-12th graders at Garfield High School in Seattle. She has been teaching for 12 years and has taught at El Cerrito High School in California, the Fashion Design Institute in San Francisco, and the Bilingual Orientation Center of Seattle. Taboh worked as a graphic artist and photographer for 15 years and has traveled, worked and studied in Asia, Africa, the Middle East, Europe and Central America. In her classroom, there is always an ongoing discussion of current events, as much of Taboh's own work is fueled by current political and social issues. She strives to bring this to the students, who then ground their work in exploring their own ideas and perspectives.

## Whitesell, Sarah E.

Sarah E. Whitesell is associate chief of the Federal Communications Commission's (FCC) Office of Strategic Planning and Policy Analysis. She most recently served as associate bureau chief of the FCC's Media Bureau, where her primary responsibilities included regulatory issues arising from the provision of Internet and other advanced services over cable networks.

Previously, Whitesell served as acting legal advisor to Commissioner Jonathan Adelstein on media issues and as legal advisor to Commissioner Gloria Tristani on common carrier issues. She returned to the FCC in 1999 from the Department of Justice, where she served on the Telecommunications Task Force of the Antitrust Division.

Prior to joining the FCC, Whitesell was an associate at the firm of Wilmer, Cutler & Pickering. She also has taught telecommunications law as an adjunct professor at Georgetown University Law Center and legal writing as an adjunct professor at George Washington University Law School. She was a law clerk to the Honorable Jane R. Roth, U.S. Court of Appeals for the Third Circuit.



## 2005 PROGRAM COMMITTEE

Bill Barnett, Field Museum

Sara Blaszczak, University of Illinois at Chicago

Nancy Gwinn, Smithsonian Institution

Martha Hale, Catholic University School of Library and Information Science

Nancy John, University of Illinois at Chicago

Veronda Pitchford, The Chicago Metropolitan Library System

Joyce Ray, IMLS

Ed Valauskas, Chicago Botanic Garden

## STUDENT VOLUNTEERS

Charlotte Bonham and Tina O'Grady,

Catholic University School of Library and Information Science

